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**Department of Public Health and Charities**

**City of Philadelphia**

JOSEPH S. NEFF, M. D.
Director

# Bulletin of the Bureau of Health

**Week Ending December 18, 1909**

**Division of Vital Statistics** — **Room 517, City Hall**

G. W. ATHERHOLT, Chief of Division

## WEEK ENDING SATURDAY, DECEMBER 18, 1909

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| **I. GENERAL DISEASES** | | |
| **(A- Epidemic Diseases** | | |
| Typhoid Fever | 4 | 4 |
| Exanthematic Typhus | | |
| Relapsing Fever | | |
| Malarial Fever | | |
| Smallpox | | |
| Measles | | |
| Scarlet Fever | | 7 |
| Whooping Cough | | 1 |
| Diphtheria | | 11 |
| Croup (Membranous) | | |
| Croup | | |
| Influenza (Grip) | 4 | |
| Miliary Fever | | |
| Asiatic Cholera | | |
| Cholera Nostras | | |
| Dysentery | | |
| Plague | | |
| Yellow Fever | | |
| Leprosy | | |
| Erysipelas | 1 | |
| Epidemic Cerebro Spinal Meningitis | 1 | |
| Chickenpox | | 1 |
| Other Epidemic Diseases | | |
| **(B) Other General Diseases** | | |
| Septicemia | | |
| Glanders and Farcy | | |
| Malignant Pustule and Charbon | | |
| Rabies | | |
| Actinomycosis, Trichinosis, etc | | |
| Pellagra | | |
| Tuberculosis of Lungs | 54 | 5 |
| Tuberculosis of Larynx | 2 | |
| Tuberculous Meningitis | | 2 |
| Abdominal Tuberculosis | | |
| Pott's Disease | | 1 |
| Tuberculous Abscess | | |
| White Swelling | | |
| Tuberculosis of Other Organs | | |
| General Tuberculosis | | |
| Scrofula | | |
| Syphilis | 1 | 1 |
| Gonorrhea of the Adult | | |
| Gonorrheal Infections of Children | | |
| Cancer of Mouth | 3 | |
| Cancer of Stomach and Liver | 13 | |
| Cancer of Intestines and Peritoneum | | |
| Cancer of Genital Organs | 7 | |
| Cancer of Breast | 1 | |
| Cancer of Skin | | |
| Cancer of other Unspecified Orgn's | 6 | |
| Tumor (Noncancerous) | | |
| Acute Articular Rheumatism | 1 | 2 |
| Chronic Rheumatism and Gout | | |
| Scurvy | | |
| Diabetes | 3 | |
| Exopthalmic Goiter | | |
| Addison's Disease | | |
| Leukemia | 1 | |
| Anemia, Chlorosis | 1 | 1 |
| Alcoholism | 2 | |
| Lead Poisoning | | |
| Other Professional Intoxications | | |
| Other Chronic Poisonings | | |
| Other General Diseases | | |

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| **II. DISEASES OF THE NERVOUS SYSTEM** | | |
| Encephalitis | | |
| Meningitis | | |
| Locomotor Ataxia | 1 | |
| Other Diseases of Spinal Cord | 1 | |
| Apoplexy | 17 | |
| Softening of Brain | | |
| Paralysis | 6 | |
| General Paralysis of Insane | | |
| Other Forms of Mental Disease | 1 | |
| Other Diseases of Brain | | |
| Epilepsy | | |
| Convulsions (Nonpuerperal) | | |
| Convulsions of Children | | |
| Tetanus | | |
| Tetanus (Traumatic) | | |
| Chorea | | |
| Other Diseases of Nervous System | 1 | |
| Diseases of the Eye and its Adnexa | | |
| Diseases of the Ear | | 3 |
| **III. DISEASES OF CIRCULATORY SYSTEM** | | |
| Pericarditis | | |
| Endocarditis | 4 | 1 |
| Heart Disease | 47 | 1 |
| Angina Pectoris | 1 | |
| Diseases of Arteries | 4 | |
| Embolism and Thrombosis | 3 | 1 |
| Diseases of Veins | | |
| Diseases of Lymphatics | | |
| Hemorrhages (except of Lungs) | | |
| Other Diseases of Circulatory System | | |
| **IV. DISEASES OF RESPIRATORY SYSTEM** | | |
| Diseases of Nasal Fossa | | |
| Laryngitis | | 1 |
| Other Diseases of Larynx | | |
| Diseases of the Thyroid Body | | |
| Acute Bronchitis | 5 | 5 |
| Chronic Bronchitis | 4 | |
| Bronchopneumonia | 6 | 16 |
| Pneumonia | 26 | 14 |
| Pleurisy | 3 | 1 |
| Congestion of Lungs | 5 | |
| Gangrene of Lungs | 1 | |
| Asthma | | |
| Emphysema | | |
| Hemorrhage of Lungs | | |
| Other Diseases Respiratory System | | |
| **V. DISEASES OF THE DIGESTIVE SYSTEM** | | |
| Diseases of Mouth | | |
| Tonsilitis | | |
| Diseases of Pharynx | | |
| Diseases of Esophagus | | |
| Ulcer of Stomach | | |
| Gastritis | 1 | 1 |
| Other Diseases of Stomach | 2 | 2 |
| Dentition | | 2 |
| Diarrhea and Enteritis (under 2 yrs.) | | 19 |
| Diarrhea & Ent'rt's (2 yrs. and over) | 1 | 2 |
| Intestinal Parasites | | |

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| Hernia | | |
| Obstruction of Intestines | 2 | 1 |
| Other Diseases of Intestines | | |
| Acute Yellow Atrophy of Liver | | |
| Hydatid Tumors of Liver | | |
| Cirrhosis of Liver | 2 | |
| Biliary Calculi | | |
| Other Diseases of Liver | 2 | 1 |
| Diseases of Spleen | | |
| Peritonitis (Nonpuerperal) | | |
| Appendicitis | | 3 |
| Other Diseases of Digestive System | | |
| **VI. DISEASES OF THE GENITO-URINARY SYSTEM** | | |
| Acute Nephritis | 2 | 1 |
| Bright's Disease | 44 | 1 |
| Other Diseases of Kidneys | | |
| Calculi of Urinary Tract | | |
| Diseases of Bladder | | |
| Diseases Urethra, Urinary, Abscess, etc., | | |
| Diseases of Prostate | 1 | |
| Nonvenereal Dis. of (Male) Gen. Organs, | | |
| Metritis | | |
| Uterine Hemorrhage (Nonpuerperal) | | |
| Uterine Tumor (Noncancerous) | 2 | |
| Other Diseases of Uterus | | |
| Ovarian Tumors | 1 | |
| Disease of Tubes | 2 | 1 |
| Other Diseases Female Gen. Organs | | |
| Puerperal Diseases of the Breast (Cancer excepted) | | |
| **VII. CHILDBIRTH** | | |
| Accidents of Pregnancy | | |
| Puerperal Hemorrhage | | |
| Other Accidents of Labor | | |
| Puerperal Septicemia | 3 | |
| Puerperal Convulsions | 1 | |
| Puerperal Phlegmasia Alba Dolens | | |
| Other Puerperal Accidents | | |
| Puerperal Diseases of the Breast | | |
| **VIII. DISEASES OF THE SKIN** | | |
| Gangrene | 1 | |
| Carbuncle | | |
| Abscess | | 1 |
| Other Diseases of Skin | | |
| **IX. DISEASES OF LOCOMOTOR SYSTEM** | | |
| Diseases of Bones | 1 | |
| Diseases of Joints | | |
| Amputation | | |
| Other Diseases Organs Locomotion | 1 | |
| **X. MALFORMATION** | | |
| Hydrocephalus | | |
| Congenital Malformation Heart, Cyan'sis, | | 4 |
| Other Congenital Malformations | | 1 |
| **XI. EARLY INFANCY** | | |
| Premature Birth | | 14 |
| Congenital Debility | | 12 |
| Other Diseases of Early Infancy | | 1 |
| Lack of Care | | |
| **XII. OLD AGE** | | |
| Old Age | 7 | |

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| **XIII. VIOLENCE** | | |
| Suicide by Poison | 1 | |
| Suicide by Asphyxia | | |
| Suicide, Hanging or Strangulation | | |
| Suicide by Drowning | | |
| Suicide by Firearms | | |
| Suicide by Cutting Instruments | 1 | |
| Suicide, Jumping from high places | | |
| Suicide by Crushing | | |
| Other Suicides | | |
| Fractures | 4 | |
| Dislocation | | |
| Burns and Scalds | | 6 |
| Burning by Corrosive Substances | | |
| Heat and Sunstroke | | |
| Cold and Freezing | | |
| Lightning | | |
| Electric Shock | | |
| Drowning | | |
| Starvation, Privation, etc | | |
| Inhalation of Poisonous Gases | 3 | |
| Other Accidental Poisonings | | |
| Accidental Gunshot Wounds | | |
| Injuries by Machinery | | |
| Injuries in Mines and Quarries | | |
| Railroad Accidents and Injuries | 2 | 1 |
| Injuries by Horses and Vehicles | | |
| Other Accidental Traumatisms | 3 | |
| Suffocation | | |
| Injuries at Birth | | 1 |
| Other External Violence | | |
| Homicide | | |
| **XIV. ILL-DEFINED DISEASES** | | |
| "Dropsy" | | |
| *Inanition (over three months) | | |
| *Debility (over three months) | | |
| *Marasmus (over three months) | | |
| Other ill-defined Diseases | | |
| Unknown | | |
| Coroner's cases pending | 7 | 1 |
| | 386 | 164 |

*Deaths reported from this cause under three months of age are compiled under "Congenital Debility."

## DEATHS IN THE DIFFERENT AGE PERIODS

| | | | | | |
|---|---|---|---|---|---|
| Under 1 year..... .. | 85 | From 20 to 30 years.... | 37 | From 80 to 90 years.. | 32 |
| From 1 to 2 years..... | 12 | " 30 to 40 " .... | 36 | " 90 to 100 " .. | 3 |
| " 2 to 5 " ..... | 23 | " 40 to 50 " .... | 50 | " 100 to 110 " .. | |
| " 5 to 10 " ..... | 12 | " 50 to 60 " .... | 64 | " 110 to 120 " .. | |
| " 10 to 15 " ..... | 9 | " 60 to 70 " .... | 72 | | |
| " 15 to 20 " ..... | 13 | " 70 to 80 " ... | 42 | Total..... | 490 |

Males, 258 Females, 232 Boys, 94 Girls, 60

Stillborn— Males, 21 Females, 7 Total, 28

## DEATHS BY WARDS

| Wards | Population, Census 1900 | From all Causes | From Transmissible Diseases | Wards | Population, Census 1900 | From all Causes | From Transmissible Diseases | Wards | Population Census 1900 | From all Causes | From Transmissible Diseases |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1..... | 37,919 | 12 | 7 | 17..... | 17,908 | 10 | 4 | 33..... | 65,372 | 12 | 3 |
| 2..... | 35,206 | 17 | 7 | 18..... | 29,643 | 15 | 4 | 34..... | 43,706 | 15 | 6 |
| 3..... | 24,693 | 6 | 4 | 19..... | 55,246 | 19 | 8 | 35..... | 8,614 | 2 | 1 |
| 4..... | 22,562 | 11 | 3 | 20..... | 43,276 | 19 | 6 | 36..... | 46,811 | 12 | 6 |
| 5..... | 16,868 | 10 | 5 | 21..... | 32,168 | 3 | 1 | 37..... | 22,445 | 3 | 1 |
| 6..... | 8,042 | 5 | 1 | 22..... | 51,296 | 21 | 4 | 38..... | 33,104 | 9 | 3 |
| 7..... | 28,137 | 4 | 1 | 23..... | 26,109 | 9 | 2 | 39..... | 40,377 | 10 | 6 |
| 8..... | 15,757 | 10 | 2 | 24..... | 53,023 | 13 | 1 | *40..... | 19,438 | 18 | 5 |
| 9..... | 6,953 | 5 | 2 | 25..... | 51,753 | 17 | 5 | 41..... | 11,328 | 3 | 1 |
| 10..... | 19,967 | 7 | | 26..... | 45,625 | 17 | 8 | 42..... | 13,536 | 1 | |
| 11..... | 11,843 | 5 | 1 | 27..... | 32,204 | 21 | 8 | 43..... | ..... | 9 | 5 |
| 12..... | 13,850 | 4 | 2 | 28..... | 43,931 | 17 | 4 | 44..... | ..... | 16 | 5 |
| 13..... | 17,427 | 5 | 2 | 29..... | 60,096 | 6 | 1 | 45..... | ..... | 8 | 2 |
| 14..... | 19,405 | 8 | 2 | 30..... | 28,874 | 9 | 2 | 46..... | ..... | 5 | 2 |
| 15..... | 50,379 | 19 | 3 | 31..... | 33,139 | 10 | 5 | 47..... | ..... | 11 | 4 |
| 16..... | 15,788 | 8 | 2 | 32..... | 39,889 | 14 | 1 | Total | 1,293,697 | 490 | 158 |

*Includes Deaths in St. Vincent's Home

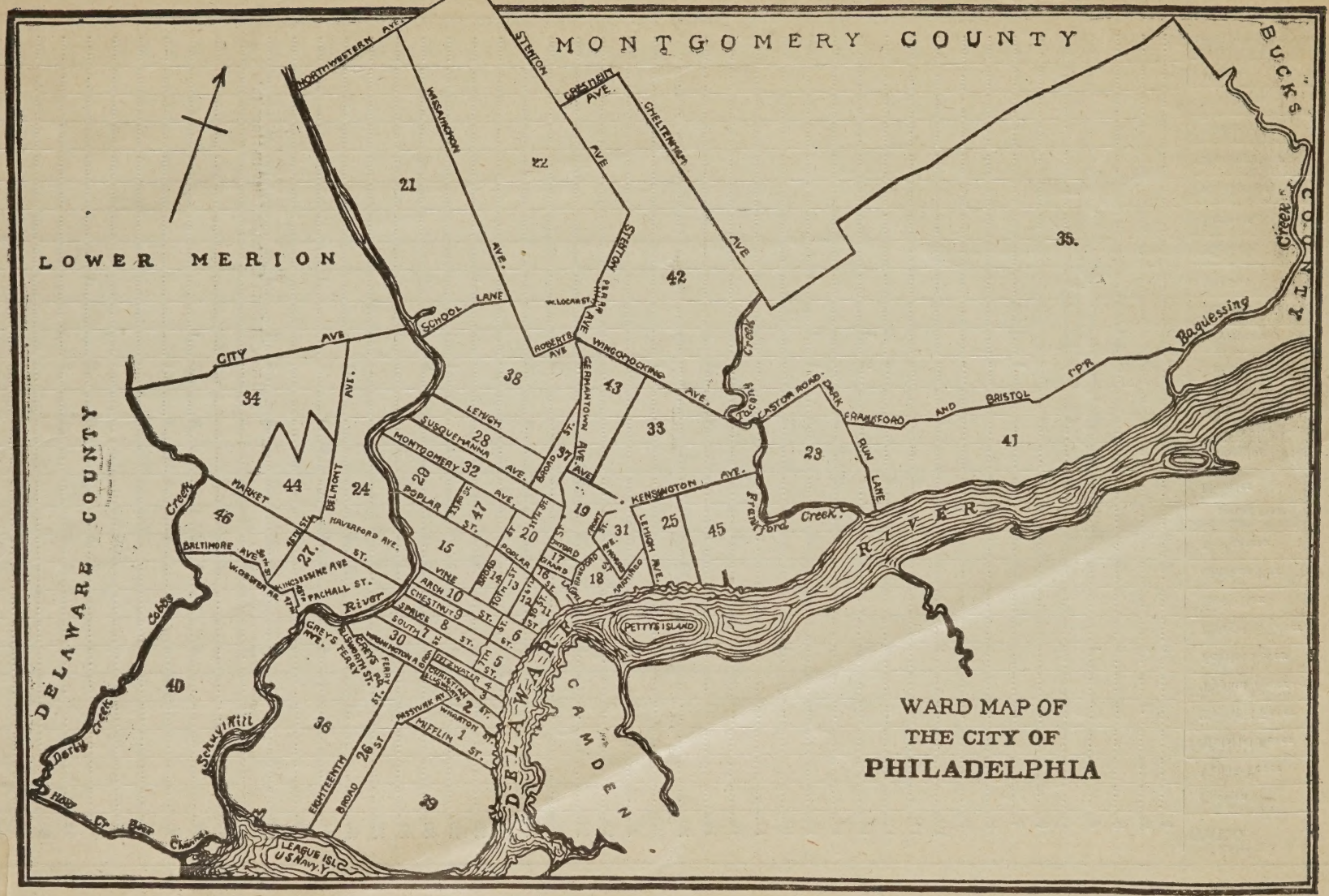
## NATIVITY, ETC.

| | | | |
|---|---|---|---|
| United States..... | 341 | From St. Vincent's Home ..... | 3 |
| Foreign ..... | 147 | From the Almshouse ..... | 46 |
| Unknown ..... | 2 | From the Municipal Hospital..... | 9 |
| People of Color..... | 26 | Brought from Outside, Died in Hospitals | 5 |

The annual death rate, based upon the above number of deaths per week, would be 16.27 per 1000 of population.

## COMPARATIVE WEEKLY MORTALITY

| Estimated population, 1,565,569. | Week Ending Dec. 19, 1908 | Week Ending Dec. 11, 1909 | Week Ending Dec. 18, 1909 |
|---|---|---|---|
| Total deaths registered, exclusive of Stillborn. | 464 | 452 | 490 |


MONTGOMERY COUNTY
BUCKS COUNTY
LOWER MERION
DELAWARE COUNTY
DELAWARE RIVER
CAMDEN
PETTY ISLAND
LEAGUE ISL U.S. NAVY
WARD MAP OF
THE CITY OF
PHILADELPHIA

# REPORT OF CASES OF TRANSMISSIBLE DISEASES
## WEEK ENDING DECEMBER 18, 1909

| WARD | Cholera | Yellow Fever | Malarial Fever | Typhoid Fever | Typhus Fever | Scarlet Fever | Relapsing Fever | Small Pox | Chicken Pox | Diphtheria | Cerebro-Spinal Meningitis Spotted Fever | Measles | Whooping Cough | Tuberculosis of Lungs | Other Forms of Tuberculosis | Pneumonia | Erysipelas | Puerperal Fever | Mumps | Malaria | Tetanus | Septicemia | Hydrophobia | Anthrax | Trachoma | Cancer | Diarrhea and Enteritis under 2 yrs |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 10 | | | 5 | 5 | | | | 3 | | 2 | 1 | | 2 | | | | | | | | |
| 2 | | | | 1 | | 2 | | | | 5 | | | | 1 | | 2 | | | | | | | | | | | |
| 3 | | | | | | 3 | | | 2 | | | | | | | 1 | 1 | | | | | | | | | | |
| 4 | | | | | | 1 | | | | 1 | | | | 3 | | 1 | | | | | | | | | | | |
| 5 | | | | | | | | | | 5 | | | | 4 | | | 2 | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | |
| 7 | | | | | | | | | 2 | 3 | | | | | | 1 | 1 | | | | | | | | | | |
| 8 | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | 2 | | | | | | | | 5 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | |
| 12 | | | | | | 4 | | | 3 | 2 | | 3 | | | | | 2 | | | | | | | | | | |
| 13 | | | | | | | | | | | | 1 | | 1 | | 2 | 1 | | | | | | | | | | |
| 14 | | | | | | | | | | | | 2 | 2 | 1 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | 4 | | | | 3 | | 1 | 1 | | 1 | | | | | | | | |
| 16 | | | | | | 1 | | | | | | | | 3 | | | | | | | | | | | | | |
| 17 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | 1 | | | | | | 1 | | | | 1 | | | | | | | | | | | | | |
| 19 | | | | 1 | | 3 | | | | 1 | | | | 4 | | 1 | 2 | | | | | | | | | | |
| 20 | | | | 1 | | | | | 4 | 4 | | | | | | | | | | | | | | | | | |
| 21 | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | |
| 22 | | | | 2 | | 1 | | | 4 | | | | | | | | | | | | | | | | | | |
| 23 | | | | 4 | | | | | | 2 | | | | | | | | | | | | | | | | | |
| 24 | | | | | | 5 | | | 8 | 2 | | 2 | | 4 | | | | | | | | | | | | | |
| 25 | | | | 2 | | | | | 3 | 3 | | | | | | 2 | | | | | | | | | | | |
| 26 | | | | | | 2 | | | | 8 | | | | 4 | | 4 | | | | | | | | | | | |
| 27 | | | | | | 1 | | | | 1 | | | | | | | | | | | | | | | | | |
| 28 | | | | | | 5 | | | 4 | 3 | | | | 3 | | | | | 2 | | | | | | | | |
| 29 | | | | 1 | | 1 | | | | 3 | | | 1 | | | 1 | 1 | | | | | | | | | | |
| 30 | | | | | | | | | 3 | 1 | | | | | | 2 | | | 2 | | | | | | | | |
| 31 | | | | | | 3 | | | 1 | 2 | | 2 | 1 | | | | 1 | | | | | | | | | | |
| 32 | | | | 1 | | 1 | | | 3 | 3 | | | | | | | | | | | | | | | | | |
| 33 | | | | 1 | | 1 | | | 1 | 4 | | | | | | 1 | | | | | | | | | | | |
| 34 | | | | | | 4 | | | 4 | 4 | | | 2 | 3 | | 1 | | | 1 | | | | | | | | |
| 35 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | |
| 36 | | | | 5 | | 1 | | | 1 | 5 | | | | 4 | | 2 | 1 | | 1 | | | | | | | | |
| 37 | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | 2 | | | 2 | | | | 1 | | | | | | | | | | | |
| 39 | | | | | | 4 | | | 2 | 2 | 1 | | | 3 | | 3 | 1 | | | | | | | | | | |
| 40 | | | | | | | | | | 4 | | 1 | | 1 | | 1 | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | 6 | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | 2 | 3 | | | | 3 | | 2 | | | 1 | | | | | | | | |
| 44 | | | | 1 | | 2 | | | 2 | 2 | | | | 1 | | 2 | | | | | | | | | | | |
| 45 | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | 2 | 2 | | 2 | | 2 | | | | | | | | | | | | | |
| 47 | | | | | | | | | 1 | 1 | | | | | | 2 | | | | | | | | | | | |
| Total | | | | 22 | | 60 | | | 60 | 96 | 1 | 18 | 6 | 61 | | 36 | 15 | | 10 | | | | | | | | |

# DEATHS FROM TRANSMISSIBLE AND DIARRHOEAL DISEASES
## WEEK ENDING DECEMBER 18, 1909

| Ward | Cholera | Yellow Fever | Malarial Fever | Typhoid Fever | Typhus Fever | Scarlet Fever | Relapsing Fever | Small Pox | Chicken Pox | Diphtheria | Cerebro-Spinal Meningitis. Spotted Fever. | Measles | Whooping Cough | Tuberculosis of Lungs | Other Forms of Tuberculosis | Pneumonia | Erysipelas | Puerperal Fever | Plague | Leprosy | Tetanus | Glanders | Hydrophobia | Anthrax | Dysentery | Cholera Morbus | Diarrhœa and Enteritis Under 2 Years |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | 2 | | | | | | | | | | 1 | | 4 | | | | | | | | | | | |
| 2 | | | | | | | | | | 2 | | | | 2 | | 3 | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | 1 | 1 | 2 | | | | | | | | | | | |
| 4 | | | | | | 1 | | | | 1 | | | | | | 1 | | | | | | | | | | | 1 |
| 5 | | | | 1 | | 1 | | | | | | | | 1 | | 2 | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 8 | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 |
| 12 | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | 2 |
| 15 | | | | | | | | | | | | | | 2 | 1 | | | | | | | | | | | | 2 |
| 16 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | 1 |
| 17 | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | 1 |
| 18 | | | | | | | | | | | | | | 3 | | 1 | | | | | | | | | | | 1 |
| 19 | | | | 1 | | | | | | | | | | 2 | | 5 | | | | | | | | | | | 1 |
| 20 | | | | 1 | | | | | | 1 | | | | 1 | 1 | 2 | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 22 | | | | | | | | | | 1 | | | | 2 | | | | 1 | | | | | | | | | 1 |
| 23 | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | 1 |
| 24 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 25 | | | | | | 1 | | | | | | | | 2 | | 2 | | | | | | | | | | | 1 |
| 26 | | | | | | 1 | | | | 1 | | | | 2 | | 4 | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | 5 | | 2 | 1 | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | 1 | | 2 | | 1 | | | | | | | | | 1 |
| 29 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30 | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | 2 | | 2 | | 1 | | | | | | | | | |
| 32 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | 1 |
| 34 | | | | 1 | | | | | 1 | | | | | 2 | | 2 | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | 2 | | 4 | | | | | | | | | | | |
| 37 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | |
| 39 | | | | | | | | | | 1 | 1 | | | 1 | | 3 | | | | | | | | | | | |
| 40 | | | | | | | | | | 1 | | | | 3 | | 1 | | | | | | | | | | | 2 |
| 41 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | 1 | | | | | | 3 | | | | | | | | | | | 1 |
| 44 | | | | | | | | | | 1 | | | | 2 | | 2 | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | |
| 46 | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | 1 | | 3 | | | | | | | | | | | |
| Total | | | | 8 | | 7 | | | 1 | 11 | 1 | | 1 | 59 | 4 | 62 | 1 | 8 | | | | | | | | | 19 |

**Meteorological Observations Taken at the Weather Bureau Office, U. S. Department of Agriculture, Philadelphia, During the Week Ending Saturday, December 18, 1909**

| Month and Day | Barometer | | Mean Daily Value | Thermometer | | Mean Daily Value | Maximum | Minimum | Relative Humidity | | Direction of Wind | | Velocity of Wind | | State of Weather | | Rain |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| December 18, 1909 | 8.00 A. M. | 8.00 P. M. | | 8.00 A. M. | 8.00 P. M. | | | | 8.00 A. M. | 8.00 P. M. | 8.00 A. M. | 8.00 P. M. | 8.00 A. M. | 8.00 P. M. | 8.00 A. M. | 8.00 P. M. | 12 M. to 12 M. Inches |
| Sunday, Dec. 12 | 30.51 | 30.47 | 30.49 | 29 | 31 | 30 | 31 | 29 | 65 | 73 | N.E. | N.E. | 7 | 10 | Cloudy | Cloudy | T |
| Monday, " 13 | 30.27 | 29.60 | 29.94 | 36 | 55 | 46 | 55 | 29 | 96 | 100 | N.E. | S.E. | 12 | 30 | Misting | Hv'y Rain | 2.12 |
| Tuesday, " 14 | 29.81 | 29.89 | 29.85 | 40 | 40 | 40 | 56 | 38 | 63 | 60 | W. | W. | 12 | 7 | Cloudy | Cloudy | .18 |
| Wednesday, " 15 | 29.84 | 2[illegible] | 29.84 | 39 | [illegible] | 38 | 44 | 36 | 71 | 60 | S.W. | W. | 6 | 10 | Cloudy | Clear | O |
| Thursday, " 16 | 29.81 | 29.94 | 29.87 | 34 | 33 | 34 | 37 | 33 | 73 | 60 | N.W. | N.W. | 12 | 12 | Lt. Snow | [illegible] | T |
| Friday, " 17 | 30.06 | 29.87 | 29.96 | 27 | 36 | 32 | 40 | 26 | 58 | 64 | S.W. | S.W. | 6 | 12 | Cloudy | Clear | O |
| Saturday, " 18 | 29.93 | 30.00 | 29.96 | 29 | 29 | 29 | 33 | 28 | 56 | 65 | W. | N. W. | 15 | 16 | Clear | Clear | O |
| Means | | | 29.99 | | | 37 | | | | | | | | | | Total | 2.30 |

The surface of the mercury in the cistern of the Barometer is 117 feet above the mean level of the sea.
Barometer corrected for temperature elevation above sea, and instrumental error.
All observations are taken in 75 meridian time.

# Summary of the Work of the Various Divisions of the Bureau of Health
## Month of November, 1909

### Division of Medical Inspection

| No of inspections excluding schools | No of fumigations ordered | No. of cases for special diagnosis | Total No. of visits to schools | No of children excluded from school | No. of cultures taken | Injections of Antitoxin | No. of vaccinations |
|---|---|---|---|---|---|---|---|
| 1480 | 540 | 38 | 5238 | 731 | 280 | 111 | 563 |

### Division of Nuisances

| No of complaints received | No of nuisances found | No. of complaints dismissed | No of properties involved | No of nuisances abated | No of visits made by inspectors | No. of permits issued to clean privy wells |
|---|---|---|---|---|---|---|
| 1343 | 1192 | 55 | 1540 | 1337 | 4293 | 252 |

### Division of House Drainage

| Plans Approved | | Plans Returned | | Privy Wells | | Complaints received | Violations of rules reported | Total No. registered plumbers |
|---|---|---|---|---|---|---|---|---|
| New buildings | Old buildings | New buildings | Old buildings | Abandoned | Constructed (No sewer) | | | |
| 1012 | 803 | 2339 | 1530 | 113 | 6 | 7 | 8 | 1179 |

### Division of Vital Statistics

| Searches of records made | Certified copies issued | Permits Issued | | Deaths reported | Births reported | Marriages reported |
|---|---|---|---|---|---|---|
| | | For interments | For disinterments | | | |
| 506 | 577 | 2510 | 183 | 2118 | 2791 | 413 |

### Division of Milk Inspection

| No. of inspections | No. of quarts inspected | No. of quarts condemned | No. of Samples Tested | | |
|---|---|---|---|---|---|
| | | | Chemical | Bacteriological | Microscopic |
| 6665 | 159,618 | 576 | 11 | | 851 |

### Division of Meat and Cattle Inspection

| Sanitary inspections | No. found unsanitary | Inspections of Dressed Meats | | Stock Yard Inspections | | Post Mortem Examinations | |
|---|---|---|---|---|---|---|---|
| | | Inspections | Condemnations | Inspections | Condemnations | Inspections | Condemnations |
| 3172 | 3 | 3172 | 282 | ..... | ..... | 124 | 20 |

### Division of Disinfection

| Number of Fumigations for | | | | | | |
|---|---|---|---|---|---|---|
| Small Pox | Scarlet fever | Diphtheria | Typhoid fever | Tuberculosis | Miscellaneous | Schools |
| ..... | 230 | 469 | 52 | 169 | 163 | 35 |

### Bacteriological Laboratory

| Examinations | | | | | | Chemical Laboratory |
|---|---|---|---|---|---|---|
| Diphtheria | Typhoid blood | Milk | Sputum | Disinfection tests | Antitoxin Distributed | No. of analyses |
| 1316 | 243 | 848 | 165 | 5 | 6,617,850 | 124 |

### Municipal Hospital

| | Remaining last report | Received | Discharged | Died | Remaining |
|---|---|---|---|---|---|
| Diphtheria | 60 | 199 | 143 | 16 | 100 |
| Scarlet fever | 140 | 133 | 77 | 8 | 188 |
| Small pox | 0 | 0 | 0 | 0 | 0 |
| Other diseases | 3 | 1 | 3 | 1 | 0 |

614.09
P53m

**Department of Public Health and Charities**

**City of Philadelphia**

**JOSEPH S. NEFF, M. D.**
**Director**

# Bulletin of the Bureau of Health

**Week Ending December 25, 1909**

**Division of Vital Statistics** **Room 517, City Hall**

**G. W. ATHERHOLT, Chief of Division**

# WEEK ENDING SATURDAY, DECEMBER 25, 1909

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| **I. GENERAL DISEASES** | | |
| (A- Epidemic Diseases | | |
| Typhoid Fever | 6 | 2 |
| Exanthematic Typhus | | |
| Relapsing Fever | | |
| Malarial Fever | | |
| Smallpox | | |
| Measles | | |
| Scarlet Fever | 1 | 9 |
| Whooping Cough | | 1 |
| Diphtheria | 1 | 19 |
| Croup (Membranous) | | 1 |
| Croup | | |
| Influenza (Grip) | 4 | |
| Miliary Fever | | |
| Asiatic Cholera | | |
| Cholera Nostras | | |
| Dysentery | | |
| Plague | | |
| Yellow Fever | | |
| Leprosy | | |
| Erysipelas | 1 | |
| Epidemic Cerebro Spinal Meningitis | | |
| Chickenpox | | |
| Other Epidemic Diseases | | |
| (B) Other General Diseases | | |
| Septicemia | | |
| Glanders and Farcy | | |
| Malignant Pustule and Charbon | | |
| Rabies | | |
| Actinomycosis, Trichinosis, etc | | |
| Pellagra | | |
| Tuberculosis of Lungs | 44 | 6 |
| Tuberculosis of Larynx | 1 | 1 |
| Tuberculous Meningitis | | 4 |
| Abdominal Tuberculosis | | |
| Pott's Disease | | |
| Tuberculous Abscess | | |
| White Swelling | | |
| Tuberculosis of Other Organs | 2 | |
| General Tuberculosis | 1 | |
| Scrofula | | |
| Syphilis | 1 | |
| Gonorrhea of the Adult | | |
| Gonorrheal Infections of Children | | |
| Cancer of Mouth | 1 | 1 |
| Cancer of Stomach and Liver | 10 | |
| Cancer of Intestines and Peritoneum | 4 | |
| Cancer of Genital Organs | 4 | |
| Cancer of Breast | 1 | |
| Cancer of Skin | | |
| Cancer of other Unspecified Orgn's | 3 | |
| Tumor (Noncancerous) | 1 | |
| Acute Articular Rheumatism | 1 | |
| Chronic Rheumatism and Gout | | |
| Scurvy | | |
| Diabetes | 4 | |
| Exopthalmic Goiter | | |
| Addison's Disease | | |
| Leukemia | | |
| Anemia, Chlorosis | 2 | 1 |
| Alcoholism | 1 | |
| Lead Poisoning | | |
| Other Professional Intoxications | | |
| Other Chronic Poisonings | | |
| Other General Diseases | | |

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| **II. DISEASES OF THE NERVOUS SYSTEM** | | |
| Encephalitis | | |
| Meningitis | | 1 |
| Locomotor Ataxia | 1 | |
| Other Diseases of Spinal Cord | 2 | |
| Apoplexy | 24 | |
| Softening of Brain | | |
| Paralysis | 7 | |
| General Paralysis of Insane | 1 | |
| Other Forms of Mental Disease | 1 | |
| Other Diseases of Brain | 4 | |
| Epilepsy | 1 | |
| Convulsions (Nonpuerperal) | | |
| Convulsions of Children | | 1 |
| Tetanus | | |
| Tetanus (Traumatic) | | |
| Chorea | | |
| Other Diseases of Nervous System | | |
| Diseases of the Eye and its Adnexa | | |
| Diseases of the Ear | 1 | |
| **III. DISEASES OF CIRCULATORY SYSTEM** | | |
| Pericarditis | 1 | |
| Endocarditis | 7 | |
| Heart Disease | 61 | |
| Angina Pectoris | 2 | |
| Diseases of Arteries | 7 | |
| Embolism and Thrombosis | 3 | |
| Diseases of Veins | 1 | |
| Diseases of Lymphatics | | |
| Hemorrhages (except of Lungs) | | |
| Other Diseases of Circulatory System | | |
| **IV. DISEASES OF RESPIRATORY SYSTEM** | | |
| Diseases of Nasal Fossa | | |
| Laryngitis | | |
| Other Diseases of Larynx | | |
| Diseases of the Thyroid Body | | |
| Acute Bronchitis | 5 | |
| Chronic Bronchitis | 3 | |
| Bronchopneumonia | 4 | |
| Pneumonia | 39 | |
| Pleurisy | 4 | |
| Congestion of Lungs | 1 | |
| Gangrene of Lungs | | |
| Asthma | 1 | |
| Emphysema | | |
| Hemorrhage of Lungs | | |
| Other Diseases Respiratory System | | |
| **V. DISEASES OF THE DIGESTIVE SYSTEM** | | |
| Diseases of Mouth | | |
| Tonsilitis | | |
| Diseases of Pharynx | | |
| Diseases of Esophagus | | |
| Ulcer of Stomach | | |
| Gastritis | 2 | |
| Other Diseases of Stomach | 2 | |
| Dentition | | |
| Diarrhea and Enteritis (under 2 yrs.) | | |
| Diarrhea & Ent'r't's (2 yrs. and over) | 5 | |
| Intestinal Parasites | | |

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| Hernia | 1 | |
| Obstruction of Intestines | 3 | 1 |
| Other Diseases of Intestines | 1 | |
| Acute Yellow Atrophy of Liver | | |
| Hydatid Tumors of Liver | | |
| Cirrhosis of Liver | 2 | |
| Biliary Calculi | | |
| Other Diseases of Liver | 4 | |
| Diseases of Spleen | | |
| Peritonitis (Nonpuerperal) | | |
| Appendicitis | | 1 |
| Other Diseases of Digestive System | | |
| **VI. DISEASES OF THE GENITO-URINARY SYSTEM** | | |
| Acute Nephritis | 4 | 1 |
| Bright's Disease | 44 | 1 |
| Other Diseases of Kidneys | 1 | |
| Calculi of Urinary Tract | | |
| Diseases of Bladder | 3 | |
| Diseases Urethra, Urinary, Abscess, etc., | 1 | |
| Diseases of Prostate | 1 | |
| Nonvenereal Dis. of (Male) Gen. Organs, | | |
| Metritis | | |
| Uterine Hemorrhage (Nonpuerperal) | | |
| Uterine Tumor (Noncancerous) | | |
| Other Diseases of Uterus | 2 | 1 |
| Ovarian Tumors | | |
| Disease of Tubes | 1 | |
| Other Diseases Female Gen. Organs | | |
| Puerperal Diseases of the Breast (Cancer excepted) | | |
| **VII. CHILDBIRTH** | | |
| Accidents of Pregnancy | | |
| Puerperal Hemorrhage | | |
| Other Accidents of Labor | | |
| Puerperal Septicemia | 1 | 1 |
| Puerperal Convulsions | | |
| Puerperal Phlegmasia Alba Dolens | | |
| Other Puerperal Accidents | 3 | |
| Puerperal Diseases of the Breast | | |
| **VIII. DISEASES OF THE SKIN** | | |
| Gangrene | 2 | 1 |
| Carbuncle | | |
| Abscess | 1 | 1 |
| Other Diseases of Skin | | |
| **IX. DISEASES OF LOCOMOTOR SYSTEM** | | |
| Diseases of Bones | | |
| Diseases of Joints | | |
| Amputation | | |
| Other Diseases Organs Locomotion | | |
| **X. MALFORMATION** | | |
| Hydrocephalus | | |
| Congenital Malformation Heart, Cyan'sis, | | 5 |
| Other Congenital Malformations | | 2 |
| **XI. EARLY INFANCY** | | |
| Premature Birth | | 21 |
| Congenital Debility | | 2 |
| Other Diseases of Early Infancy | | 3 |
| Lack of Care | | |
| **XII. OLD AGE** | | |
| Old Age | 6 | |

| CAUSE OF DEATH | ADULTS | MINORS |
|---|---|---|
| **XIII. VIOLENCE** | | |
| Suicide by Poison | 1 | |
| Suicide by Asphyxia | | |
| Suicide, Hanging or Strangulation | 1 | |
| Suicide by Drowning | | |
| Suicide by Firearms | 1 | |
| Suicide by Cutting Instruments | | |
| Suicide, Jumping from high places | | |
| Suicide by Crushing | | |
| Other Suicides | | |
| Fractures | 2 | |
| Dislocation | | |
| Burns and Scalds | | 3 |
| Burning by Corrosive Substances | | |
| Heat and Sunstroke | | |
| Cold and Freezing | | |
| Lightning | | |
| Electric Shock | | |
| Drowning | 1 | |
| Starvation, Privation, etc | | |
| Inhalation of Poisonous Gases | 1 | |
| Other Accidental Poisonings | | |
| Accidental Gunshot Wounds | | |
| Injuries by Machinery | | |
| Injuries in Mines and Quarries | | |
| Railroad Accidents and Injuries | 1 | 1 |
| Injuries by Horses and Vehicles | 2 | 1 |
| Other Accidental Traumatisms | 5 | |
| Suffocation | | 1 |
| Injuries at Birth | | 1 |
| Other External Violence | | |
| Homicide | | |
| **XIV. ILL-DEFINED DISEASES** | | |
| "Dropsy" | 2 | |
| *Inanition (over three months) | | 1 |
| *Debility (over three months) | | |
| *Marasmus (over three months) | | 8 |
| Other ill-defined Diseases | | |
| Unknown | | |
| Coroner's cases pending | 11 | 7 |
| | 398 | 163 |

*Deaths reported from this cause under three months of age are compiled under "Congenital Debility."

## DEATHS IN THE DIFFERENT AGE PERIODS

| | | | | | |
|---|---|---|---|---|---|
| Under 1 year..... | 77 | From 20 to 30 years.... | 40 | From 80 to 90 years.. | 27 |
| From 1 to 2 years..... | 23 | " 30 to 40 " .... | 52 | " 90 to 100 " .. | 3 |
| " 2 to 5 " ..... | 30 | " 40 to 50 " .... | 69 | " 100 to 110 " .. | |
| " 5 to 10 " ..... | 10 | " 50 to 60 " .... | 54 | " 110 to 120 " .. | |
| " 10 to 15 " ..... | 7 | " 60 to 70 " .... | 77 | | |
| " 15 to 20 " ..... | 18 | " 70 to 80 " ... | 70 | Total..... | 556 |

Males, 296 Females, 260 Boys, 85 Girls, 78

Stillborn— Males, 15 Females, 16 Total, 31

## DEATHS BY WARDS

| Wards | Population, Census 1908 | From all Causes | From Transmissible Diseases | Wards | Population, Census 1908 | From all Causes | From Transmissible Diseases | Wards | Population Census 1908 | From all Causes | From Transmissible Diseases |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1..... | 37,919 | 14 | 6 | 17..... | 17,908 | 6 | | 33..... | 65,372 | 8 | 3 |
| 2..... | 35,206 | 14 | 6 | 18..... | 29,643 | 12 | | 34..... | 43,706 | 25 | 9 |
| 3..... | 24,693 | 18 | 7 | 19..... | 55,246 | 21 | 4 | 35..... | 8,614 | 3 | |
| 4..... | 22,562 | 7 | 2 | 20..... | 43,276 | 12 | 3 | 36..... | 46,811 | 29 | 7 |
| 5..... | 16,868 | 9 | 3 | 21..... | 32,168 | 14 | 6 | 37..... | 22,445 | 10 | 1 |
| 6..... | 8,042 | 3 | 1 | 22..... | 51,296 | 27 | 5 | 38..... | 33,104 | 9 | 1 |
| 7..... | 28,137 | 8 | 3 | 23..... | 26,109 | 10 | 3 | 39..... | 40,377 | 23 | 8 |
| 8..... | 15,757 | 7 | 1 | 24..... | 53,023 | 9 | 4 | *40..... | 19,438 | 9 | 4 |
| 9..... | 6,953 | 4 | 1 | 25..... | 51,753 | 19 | 5 | 41..... | 11,328 | 5 | 3 |
| 10..... | 19,967 | 8 | 4 | 26..... | 45,625 | 20 | 7 | 42..... | 13,536 | 5 | 1 |
| 11..... | 11,843 | 5 | 3 | 27..... | 32,204 | 13 | 3 | 43..... | ..... | 8 | 3 |
| 12..... | 13,850 | 6 | 1 | 28..... | 43,931 | 15 | 6 | 44..... | ..... | 9 | 1 |
| 13..... | 17,427 | 10 | 4 | 29..... | 60,096 | 9 | 4 | 45..... | ..... | 5 | 1 |
| 14..... | 19,405 | 7 | 3 | 30..... | 28,874 | 16 | 3 | 46..... | ..... | 17 | 3 |
| 15..... | 50,379 | 24 | 5 | 31..... | 33,139 | 15 | 7 | 47..... | ..... | 19 | 7 |
| 16..... | 15,788 | 2 | 2 | 32..... | 39,889 | 13 | 2 | Total | 1,293,697 | 556 | 166 |

*Includes Deaths in St. Vincent's Home.

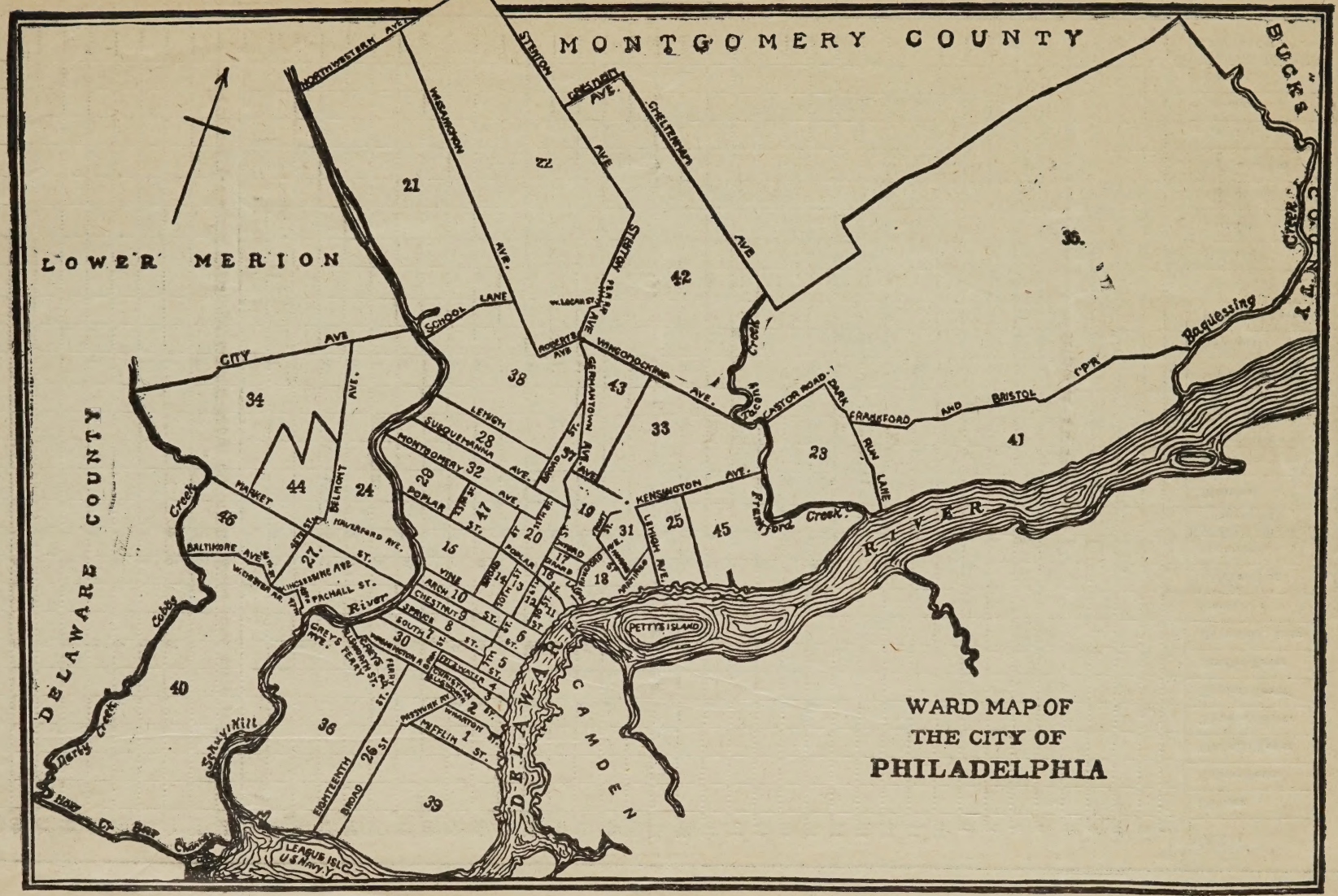
## NATIVITY, ETC.

| | | | |
|---|---|---|---|
| United States..... | 373 | From St. Vincent's Home ..... | |
| Foreign ..... | 180 | From the Almshouse ..... | 39 |
| Unknown ..... | 3 | From the Municipal Hospital..... | 22 |
| People of Color..... | 23 | Brought from Outside, Died in Hospitals | 4 |

The annual death rate, based upon the above number of deaths per week, would be 18.46 per 1000 of population.

## COMPARATIVE WEEKLY MORTALITY

| Estimated population, 1,565,569. | Week Ending Dec. 26, 1908 | Week Ending Dec. 18, 1909 | Week Ending Dec. 25, 1909 |
|---|---|---|---|
| Total deaths registered, exclusive of Stillborn. | 474 | 490 | 556 |




WARD MAP OF
THE CITY OF
**PHILADELPHIA**

# REPORT OF CASES OF TRANSMISSIBLE DISEASES
## WEEK ENDING DECEMBER 25, 1909

| WARD | Cholera | Yellow Fever | Malarial Fever | Typhoid Fever | Typhus Fever | Scarlet Fever | Relapsing Fever | Small Pox | Chicken Pox | Diphtheria | Cerebro-Spinal Meningitis Spotted Fever | Measles | Whooping Cough | Tuberculosis of Lungs | Other Forms of Tuberculosis | Pneumonia | Erysipelas | Puerperal Fever | Mumps | Malaria | Tetanus | Septicemia | Hydrophobia | Anthrax | Trachoma | Cancer | Diarrhea and Enteritis under 2 yrs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | 2 | | | 3 | 6 | | | | 3 | | 2 | | | 2 | | | | | | | | |
| 2 | | | | 1 | | 1 | | | | 3 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | 1 | | | 3 | 1 | | | | | | 1 | | | | | | | | | | | |
| 4 | | | | | | 1 | | | | 1 | | 2 | | 2 | | 1 | | | | | | | | | | | |
| 5 | | | | | | 2 | | | | 1 | | | | 3 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | 1 | | | | 5 | | | | | | | 1 | | | | | | | | | | |
| 8 | | | | 1 | | 1 | | | | 1 | | | 1 | | | | | | 1 | | | | | | | | |
| 9 | | | | | | | | | 2 | 1 | | | | | | | | | | | | | | | | | |
| 10 | | | | 1 | | | | | | 2 | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | 1 | | | 1 | | | 2 | | | | | | | | | | | |
| 12 | | | | | | | | | 2 | 1 | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | 1 | | | | | 1 | | | | | | | | | | |
| 14 | | | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | |
| 15 | | | | 1 | | | | | 4 | 1 | | | 1 | 3 | | 2 | | | 1 | | | | | | | | |
| 16 | | | | | | | | | | 3 | | 2 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | 1 | | | | | 2 | | 2 | 2 | | | | | | | | | | |
| 19 | | | | 1 | | | | | 3 | 4 | | | 1 | 1 | | | 1 | | | | | | | | | | |
| 20 | | | | | | 4 | | | 4 | 1 | | 2 | | 4 | | 2 | | | 1 | | | | | | | | |
| 21 | | | | 1 | | 1 | | | 1 | 4 | | | | 2 | | | | | | | | | | | | | |
| 22 | | | | | | 2 | | | 2 | 4 | | | | 2 | | 1 | | | | | | | | | | | |
| 23 | | | | 4 | | 1 | | | | 4 | | | | | | | | | | | | | | 1 | | | |
| 24 | | | | 1 | | 2 | | | 3 | 4 | | | 1 | 3 | | 1 | 2 | | | | | | | | | | |
| 25 | | | | | | 2 | | | | 2 | | | | 2 | | 1 | 2 | | | | | | | | | | |
| 26 | | | | 2 | | 3 | | | 5 | 5 | | 1 | | 1 | | 1 | | | 2 | | | | | | | | |
| 27 | | | | | | 2 | | | | 1 | | | | 2 | | | | | | | | | | | | | |
| 28 | | | | 1 | | 2 | | | 6 | 4 | | | 1 | 3 | | 2 | | | 3 | | | | | | | | |
| 29 | | | | 1 | | 1 | | | 2 | 2 | | | | | | 4 | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 31 | | | | | | 2 | | | 2 | 4 | | | | 3 | | 2 | | | | | | | | | | | |
| 32 | | | | | | 3 | | | 3 | | | 2 | | 3 | | 1 | | | | | | | | | | | |
| 33 | | | | 1 | | 1 | | | 2 | 3 | | | | | | 2 | | | | | | | | | | | |
| 34 | | | | 1 | | 4 | | | 2 | 2 | | 1 | 1 | 2 | | 2 | | | | | | | | | | | |
| 35 | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | 1 | | | | | 2 | 2 | | | | | | 1 | | | 1 | | | | | | | | |
| 37 | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| 38 | | | | | | 2 | | | 2 | 2 | | | 1 | | | 1 | | | 1 | | | | | | | | |
| 39 | | | | | | | | | 2 | 5 | | | | | | 2 | | | | | | | | | | | |
| 40 | | | | | | 2 | | | 5 | 4 | | | | 4 | | 1 | | | | | | | | | | | |
| 41 | | | | | | 1 | | | 1 | 1 | | | | | | 1 | | | | | | | | | | | |
| 42 | | | | 3 | | 1 | | | 4 | 7 | | | | | | | | | | | | | | | | | |
| 43 | | | | | | 1 | | | | 4 | | | | 2 | | 1 | 1 | | | | | | | | | | |
| 44 | | | | | | 1 | | | 4 | 1 | | | | | | | 1 | | | | | | | | | | |
| 45 | | | | | | 2 | | | | 1 | | | | | | | | | | | | | | | | | |
| 46 | | | | | | 4 | | | 4 | 7 | | | 1 | | | | | | | | | | | | | | |
| 47 | | | | | | 1 | | | 1 | 3 | | | | 4 | | 1 | 1 | | 1 | | | | | 1 | | | |
| Total | | | | 21 | | 56 | | | 77 | 109 | | 11 | 9 | 53 | | 38 | 12 | | 13 | | | | | 2 | | | |

## DEATHS FROM TRANSMISSIBLE AND DIARRHOEAL DISEASES
### WEEK ENDING DECEMBER 25, 1909

| Ward | Cholera | Yellow Fever | Malarial Fever | Typhoid Fever | Typhus Fever | Scarlet Fever | Relapsing Fever | Small Pox | Chicken Pox | Diphtheria | Cerebro-Spinal Menin-gitis. Spotted Fever. | Measles | Whooping Cough | Tuberculosis of Lungs | Other Forms of Tuberculosis | Pneumonia | Erysipelas | Puerperal Fever | Plague | Leprosy | Tetanus | Glanders | Hydrophobia | Anthrax | Dysentery | Cholera Morbus | Diarrhœa and Enteritis Under 2 Years |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | 2 | | 4 | | | | | | | | | | | |
| 2 | | | | 1 | | 1 | | | | 1 | | | | | | 3 | | | | | | | | | | | |
| 3 | | | | | | 1 | | | | | | | | 1 | 1 | 3 | | 1 | | | | | | | | | |
| 4 | | | | 1 | | | | | | | | | | 1 | | | | | | | | | | | | | 1 |
| 5 | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | 1 |
| 7 | | | | | | | | | | | | | | 1 | | 1 | 1 | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 10 | | | | | | | | | | 1 | | | | 1 | | 2 | | | | | | | | | | | |
| 11 | | | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | 3 | | 1 | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | 2 | | 1 | | | | | | | | | | | |
| 15 | | | | | | | | | | 1 | | | | 2 | 1 | 1 | | | | | | | | | | | 1 |
| 16 | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| 19 | | | | | | | | | | 1 | | | | 1 | | 2 | | | | | | | | | | | 1 |
| 20 | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | 1 | 1 | 4 | | | | | | | | | | | |
| 22 | | | | | | | | | | 1 | | | | 2 | | 2 | | | | | | | | | | | |
| 23 | | | | | | | | | | 2 | | | | | | 1 | | | | | | | | | | | 1 |
| 24 | | | | | | | | | | 1 | | | | 2 | 1 | | | | | | | | | | | | 1 |
| 25 | | | | | | 2 | | | | 1 | | | | | | 2 | | | | | | | | | | | |
| 26 | | | | | | 1 | | | | 2 | | | | 1 | 1 | 1 | | 1 | | | | | | | | | 1 |
| 27 | | | | | | | | | | | | | | 2 | | 1 | | | | | | | | | | | |
| 28 | | | | 2 | | 1 | | | | 1 | | | | 2 | | | | | | | | | | | | | |
| 29 | | | | | | | | | | 1 | | | | 1 | | 2 | | | | | | | | | | | |
| 30 | | | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | | | | |
| 31 | | | | | | | | | | 1 | | | | 3 | | 3 | | | | | | | | | | | 1 |
| 32 | | | | | | 1 | | | | | | | | 1 | | | | | | | | | | | | | |
| 33 | | | | | | 1 | | | | | | | | | 1 | 1 | | | | | | | | | | | |
| 34 | | | | | | | | | | 1 | | | | 4 | | 4 | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | 1 | | | | | | 2 | | | | 2 | | 2 | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 39 | | | | | | 2 | | | | 2 | | | | 2 | | 2 | | | | | | | | | | | |
| 40 | | | | | | | | | | 2 | | | | 2 | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | 2 | 1 | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | 1 |
| 46 | | | | 1 | | | | | | | | | | | | 3 | | | | | | | | | | | 1 |
| 47 | | | | | | | | | | | | | | 3 | 1 | | | | | | | | | | | | |
| Total | | | | 8 | | 10 | | | | 21 | | | 1 | 50 | 9 | 64 | 1 | 2 | | | | | | | | | 12 |

**Meteorological Observations Taken at the Weather Bureau Office, U. S. Department of Agriculture, Philadelphia, During the Week Ending Saturday, December 25, 1909**

| Month and Day | Barometer | | Mean Daily Value | Thermometer | | Mean Daily Value | Maximum | Minimum | Relative Humidity | | Direction of Wind | | Velocity of Wind | | State of Weather | | Rain |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| December 25, 1909 | 8.00 A. M. | 8.00 P. M | | 8.00 A. M. | 8.00 P. M. | | | | 8.00 A. M. | 8.00 P. M. | 8.00 A. M. | 8.00 P. M. | 8.00 A. M. | 8.00 P. M. | 8.00 A. M. | 8.00 P. M. | 12 M. TO 12 M. INCHES |
| Sunday, Dec. 19 | 30.01 | 29.99 | 30.00 | 24 | 28 | 26 | 32 | 22 | 71 | 41 | N. W. | N.W. | 12 | 12 | Pt. Cloudy | Cloudy | 0 |
| Monday, " 20 | 30.09 | 30.11 | 30.10 | 20 | 24 | 22 | 28 | 20 | 62 | 49 | N.W. | N.W. | 14 | 10 | Cloudy | Clear | 0 |
| Tuesday, " 21 | 30.18 | 30.06 | 30.12 | 22 | 30 | 26 | 36 | 20 | 26 | 51 | N.W. | S.W. | 8 | 10 | Clear | Clear | 0 |
| Wednesday, " 22 | 29.95 | 29.88 | 29.92 | 32 | 28 | 30 | 32 | 26 | 85 | 71 | N.W. | W. | 16 | 14 | Cloudy | Pt.Cloudy | 0 |
| Thursday, " 23 | 30.03 | 30.15 | 30.09 | 34 | 40 | 37 | 44 | 28 | 75 | 52 | N.W. | N.W. | 14 | 20 | Clear | Cloudy | 0 |
| Friday, " 24 | 30.19 | 30.16 | 30.18 | 34 | 36 | 35 | 40 | 34 | 70 | 59 | N.W. | N. W. | 14 | 8 | Cloudy | Clear | 0 |
| Saturday, " 25 | 29.94 | 29.28 | 29.61 | 30 | 34 | 32 | 34 | 28 | 69 | 98 | S. | N.E. | 6 | 15 | Cloudy | Snow | .48 |
| Means | | | 30.00 | | | 30 | | | | | | | | | | Total | .48 |

The surface of the mercury in the cistern of the Barometer is 117 feet above the mean level of the sea.
Barometer corrected for temperature elevation above sea, and instrumental error.
All observations are taken in 75 meridian time.